BRUHATH BANGALORE MAHANAGARA PALIKE

Bytarayanapura Division

Package-1, Includes 2 Works. 1) Providing Basic Amenities and Procurment of Dustbins in Sahakaranagara, Byatarayanapura, Sanjeevininagar in Ward No. 07, Byatarayanapura. 2) Providing Basic Amenties and procurement of dustbins in Sahakaranagara, Byatarayanapura, Sanjeevininagara in Ward No 07, Byatarayanapura.

Job Code :- 007-18-000010, 007-18-000011

Name of Agency :- B.B.UMESH, No 385/1, Near Anjaneya Temple, Bettahalasuru (P), Banglore North- 562157

Bill No : 4th & Final Bill

Total Abstract

Item No	Description of Item of Work	Unit	Modified BOQ Qty	BOQ Rate	Amount	Remarks
1	Outdoor PLZ IP Cameras with 20 X optical zoom with controller along with suitable mounting system (PTZ Pan Tilt and Zoom feature is availbale in this camera can be contolled by the software for pan Tilt and zoom feature at the contol center and can be pr	Nos				
	Present Quantity		0.00			
	Previous Qty		15.00			
	Total		15.00			
	Modified BOQ Qty		15.00			
	Qty for payment		0.00	87870.00	0.00	
2	Bracket (Corner Mount / Pole Mount/ Wall Mount) for mounting the PTZ camera.	Nos				
	Present Quantity		0.00			
	Previous Qty		90.00			
	Total		90.00			
	Modified BOQ Qty		90.00			
	Qty for payment		0.00	4800.00	0.00	
3	Outdoor 50 Meter IP Cameras with IR & Mounting Bracket (with IR for day and night vision and can provide a viewing distance of 50 metres)	Nos				
	Present Quantity		0.00			
	Previous Qty		90.00			
	Total		90.00			
	Modified BOQ Qty		90.00			
	Qty for payment		0.00	23700.00	0.00	
4	Bracket and weatherproof Installation kit for 50 Meter IP Camera	Nos				
	Present Quantity		0.00			
	Previous Qty		90.00			
	Total		90.00			
	Modified BOQ Qty		90.00			
	Qty for payment		0.00	1745.00	0.00	
5	Outdoor 30 Meter IP Cameras with IR & Mounting Bracket (with IR for day and night vision and can provide a viewing distance of 30 metres)	Nos				
	Present Quantity		0.00			
	Previous Qty		90.00			
	Total		90.00			
	Modified BOQ Qty		90.00			
	Qty for payment		0.00	17000.00	0.00	

Contractor

Assistant Engineer

Assistant Executive Engineer

Bangalore

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Item No	Description of Item of Work	Unit	Modified BOQ Qty	BOQ Rate	Amount	Remarks
6	Bracket and weatherproof Installation kit for 30 Meter IP Camera	Nos				
	Present Quantity		0.00			
	Previous Qty		90.00			
	Total		90.00			
	Modified BOQ Qty		90.00			
	Qty for payment		0.00	1684.00	0.00	
7	32 Channel NVR DS 7732 NI- E4 (with 4 Sata Option) the control box and the recording device to connect upto 32 devices, can be cascaded to provide additional cameras	Nos				
	Present Quantity		0.00			
	Previous Qty		15.00			
	Total		15.00			
	Modified BOQ Qty		15.00			
	Qty for payment		0.00	75000.00	0.00	
8	12 TB NAS Box for Back up (NET GEAR) provides storage for the recorded data for quick view back and storage	Nos				
	Present Quantity		0.00			
	Previous Qty		15.00			
	Total		15.00			
	Modified BOQ Qty		15.00			
	Qty for payment		0.00	290000.00	0.00	
9	4 TB SATA for storage and fitted in the NVR Device for storage	Nos				
	Present Quantity		0.00			
	Previous Qty		30.00			
	Total		30.00			
	Modified BOQ Qty		30.00			
	Qty for payment		0.00	25820.00	0.00	
10	A suitable sheet metal control panel to house site Equipments (Weather Proof) The power supply and the ethernet connectivity adaptor is stored in this box.	Nos				
	Present Quantity		0.00			
	Previous Qty		180.00			
	Total		180.00			
	Modified BOQ Qty		180.00			
	Qty for payment		0.00	1724.00	0.00	
11	Power supply for the camera.	Nos				
	Present Quantity		0.00			
	Previous Qty		180.00			
	Total		180.00			
	Modified BOQ Qty		180.00			
	Qty for payment		0.00	520.00	0.00	
12	Ethernet Switch for connectivity to Internet and Camera	Nos				
	Present Quantity		0.00			
	Previous Qty		180.00			

Contractor

Assistant Engineer

Assistant Executive Engineer

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Item No	Description of Item of Work	Unit	Modified BOQ Qty	BOQ Rate	Amount	Remarks
	Total		180.00			
	Modified BOQ Qty		**180.00**			
	Qty for payment		**0.00**	**1073.00**	**0.00**	
13	Supply & Laying of Network and Power Cables from Camera to the control Box.	**Nos**				
	Present Quantity		0.00			
	Previous Qty		135.00			
	Total		135.00			
	Modified BOQ Qty		**135.00**			
	Qty for payment		**0.00**	**439.00**	**0.00**	
14	Video Manager Application Software for Display and Management of Camera on Video Display.	**Nos**				
	Present Quantity		0.00			
	Previous Qty		90.00			
	Total		90.00			
	Modified BOQ Qty		**90.00**			
	Qty for payment		**0.00**	**22400.00**	**0.00**	
15	Installation, Erection & commissioning charges	**Nos**				
	Present Quantity		0.00			
	Previous Qty		90.00			
	Total		90.00			
	Modified BOQ Qty		**90.00**			
	Qty for payment		**0.00**	**5717.00**	**0.00**	
16	Providing Modern Dust Bins	**Nos**				
	Present Quantity		0.00			
	Previous Qty		195.00			
	Total		195.00			
	Modified BOQ Qty		**195.00**			
	Qty for payment		**0.00**	**20000.00**	**0.00**	
17	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and	**Cum**				
	Present Quantity		0.00			
	Previous Qty		57.92			
	Total		57.92			
	Modified BOQ Qty		**101.00**			
	Qty for payment		**0.00**	**230.00**	**0.00**	
18	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in	**Cum**				
	Present Quantity		0.00			
	Previous Qty		22.61			
	Total		22.61			
	Modified BOQ Qty		**30.00**			
	Qty for payment		**0.00**	**5939.00**	**0.00**	

Contractor

Assistant Engineer

Assistant Executive Engineer

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Item No	Description of Item of Work	Unit	Modified BOQ Qty	BOQ Rate	Amount	Remarks
19	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, la	Cum				
	Present Quantity		0.00			
	Previous Qty		29.70			
	Total		29.70			
	Modified BOQ Qty		50.00			
	Qty for payment		0.00	5000.00	0.00	
20	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of mater	Cum				
	Present Quantity		0.00			
	Previous Qty		13.12			
	Total		13.12			
	Modified BOQ Qty		22.00			
	Qty for payment		0.00	6000.00	0.00	
21	KSRB 15.1.3 Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications Page No. 113 / Item No. 15.3, P	Sq-m				
	Present Quantity		0.00			
	Previous Qty		75.96			
	Total		75.96			
	Modified BOQ Qty		137.00			
	Qty for payment		0.00	119.00	0.00	
22	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specific	Cum				
	Present Quantity		0.00			
	Previous Qty		3.55			
	Total		3.55			
	Modified BOQ Qty		10.00			
	Qty for payment		0.00	92.00	0.00	
23	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specificati	Sq-m				
	Present Quantity		0.00			
	Previous Qty		257.10			

Contractor

Assistant Engineer

Assistant Executive Engineer

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Item No	Description of Item of Work	Unit	Modified BOQ Qty	BOQ Rate	Amount	Remarks
	Total		257.10			
	Modified BOQ Qty		286.00			
	Qty for payment		0.00	281.00	0.00	
24	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts	Cum				
	Present Quantity		0.00			
	Previous Qty		42.76			
	Total		42.76			
	Modified BOQ Qty		80.00			
	Qty for payment		0.00	7250.00	0.00	
25	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever nec	Tonne				
	Present Quantity		0.00			
	Previous Qty		4.65			
	Total		4.65			
	Modified BOQ Qty		10.00			
	Qty for payment		0.00	73200.00	0.00	
26	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour co	Sq-m				
	Present Quantity		0.00			
	Previous Qty		82.11			
	Total		82.11			
	Modified BOQ Qty		118.00			
	Qty for payment		0.00	375.00	0.00	
27	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and	Sq-m				
	Present Quantity		0.00			
	Previous Qty		209.50			
	Total		209.50			
	Modified BOQ Qty		281.00			
	Qty for payment		0.00	1107.00	0.00	

Contractor

Assistant Engineer

Assistant Executive Engineer,
Yelahanka Zone, B.B.M.P.,
Bangalore.

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Item No	Description of Item of Work	Unit	Modified BOQ Qty	BOQ Rate	Amount	Remarks
28	KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of n	Sq-m				
	Present Quantity		0.00			
	Previous Qty		76.49			
	Total		76.49			
	Modified BOQ Qty		**108.00**			
	Qty for payment		**0.00**	**1100.00**	**0.00**	
29	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing comple	Sq-m				
	Present Quantity		0.00			
	Previous Qty		72.52			
	Total		72.52			
	Modified BOQ Qty		**127.00**			
	Qty for payment		**0.00**	**235.00**	**0.00**	
30	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing c	Sq-m				
	Present Quantity		0.00			
	Previous Qty		101.00			
	Total		101.00			
	Modified BOQ Qty		**101.00**			
	Qty for payment		**0.00**	**270.00**	**0.00**	
31	KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. Page No. 115, Item No. 15.33, PWD SR 2016-17	Sq-m				
	Present Quantity		0.00			
	Previous Qty		23.00			
	Total		23.00			
	Modified BOQ Qty		**23.00**			
	Qty for payment		**0.00**	**30.00**	**0.00**	
32	KSRB15-3.9 :Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing co	Sq-m				
	Present Quantity		0.00			
	Previous Qty		261.41			
	Total		261.41			
	Modified BOQ Qty		**498.00**			
	Qty for payment		**0.00**	**241.00**	**0.00**	

Contractor

Assistant Engineer

Assistant Executive Engineer

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Item No	Description of Item of Work	Unit	Modified BOQ Qty	BOQ Rate	Amount	Remarks
33	Supplying and fixing pressed steel door frames size 125x65 mm manufactured from 1.25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made out of seasoned Honne wood, styles of 30 mm, thick with lock r	Sq-m				
	Present Quantity		0.00			
	Previous Qty		10.19			
	Total		10.19			
	Modified BOQ Qty		25.00			
	Qty for payment		0.00	4271.00	0.00	
34	"Supplying and fixing pressed steel window frame of size 100 x 50mm manufactured from 1.25 mm thick carbon steel or imported steel strips with neat mitred joints at 900degree for window openings and shall be suitable to fix M.S. grills as per design and d	Sq-m				
	Present Quantity		0.00			
	Previous Qty		5.61			
	Total		5.61			
	Modified BOQ Qty		36.00			
	Qty for payment		0.00	4637.00	0.00	
35	KSRB 14.10-1: Flooring with 25mm to 40mm thick polished tandur blue stone slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shad	Sq-m				
	Present Quantity		0.00			
	Previous Qty		65.07			
	Total		65.07			
	Modified BOQ Qty		84.00			
	Qty for payment		0.00	1350.00	0.00	
36	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter	Sq-m				
	Present Quantity		0.00			
	Previous Qty		23.00			
	Total		23.00			
	Modified BOQ Qty		23.00			
	Qty for payment		0.00	87.00	0.00	
37	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops a	Sq-m				
	Present Quantity		0.00			
	Previous Qty		50.00			

Contractor

Assistant Engineer

Assistant Executive Engineer,
Division,
B.B.M.P.,
Bangalore.

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Item No	Description of Item of Work	Unit	Modified BOQ Qty	BOQ Rate	Amount	Remarks
	Total		50.00			
	Modified BOQ Qty		50.00			
	Qty for payment		0.00	102.00	0.00	
38	KSRB 8.6-7 : Providing and fixing on wall surface 4.0 kg / sq.cm H.D.P.E. rain down water pipes 90 mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps wall plugs, screws, including cost of ma	Mtr				
	Present Quantity		0.00			
	Previous Qty		60.00			
	Total		60.00			
	Modified BOQ Qty		60.00			
	Qty for payment		0.00	522.00	0.00	
	Extra Items					
E1	Providing and Fixing Leaf Cutter Machine including transportation	Nos				
	Present Quantity		5.00			
	Previous Qty		0.00			
	Total		5.00			
	Modified BOQ Qty		5.00			
	Qty for payment		5.00	249000.00	12,45,000.00	
				Grand Total	12,45,000.00	

Contractor

Assistant Engineer

Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka, B.B.M.P., Bangalore

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